

# Typ: JDL-115



**Art.-No.:** H5309136

## **Features:**

Differential pressure switch, mechanical, 100...1000Pa, monitors , Toggler, 12-230 VAC, 5(1)AAC, 12-24 VDC, 1(0,2)ADC, hysteresis 20...40Pa

## **Application:**

## **Technical Data:**

|                        |   |
|------------------------|---|
| Dimensions of housing: | 76 x 63 x 93 mm                                   |
| Number of outputs:     | 2   |
| Number, control range: | 1   |
| Output signal:         | switching   |
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| Rated impulse voltage: | 4000 V  |
| Operating voltage:     | none  |
| Pressure:              | yes   |
| Pressure connection:   | 6,2 mm  |
| setting range to:      | 1000  |
| setting range:         | all data in Pa                                    |
| setting range from:    | 100   |
| Electrical connection: | Screw-type terminals                              |
| Colour of housing:     | black   |
| Sensor:                | Pressure membrane                                 |
| Function type:         | Monitors  |
| Weight:                | ca. 300   |
| Hysteresis:            | approx. 20...40 Pa depending on the setting range |
| Internal setting:      | yes   |

|                                   |  |
|-----------------------------------|--|
| Storage temperature:              | -15...+80 °C                                       |
| Scope of supply:                  | Differential pressure switch                       |
| Material of housing:              | Plastic  |
| max. pressure:                    | 30000 Pa   |
| max. sensor temperature:          | 80   |
| max. switching voltage:           | 230 VAC, 50 Hz 24 VDC                              |
| max. switching current:           | 5 (1) AAC 1 (0,2) ADC                              |
| Medium:                           | Air, not aggressive                                |
| min. switching voltage:           | 12 VAC, 50 Hz 12 VDC                               |
| min. switching current:           | 1 mA   |
| Installation/fastening:           | Wall mounting                                      |
| Surface quality:                  | matt   |
| potential-free:                   | yes  |
| Control range up to:              | 1000   |
| Control range from:               | 100  |
| Control function:                 | switches if the pressure is undershot or overshoot |
| Switching element:                | Microswitch  |
| Switching contact:                | Toggler, gold contact                              |
| Switching power:                  | 1150 WAC, 24 WDC                                   |
| Degree of protection:             | IP 54  |
| Protection class:                 | II   |
| Safety and EMC:                   | according to DIN EN 60730                          |
| Silicon-free:                     | yes  |
| Set point adjuster:               | yes  |
| Ambient temperature up to:        | 80   |
| Ambient temperature from:         | -15  |
| Degree of fouling:                | II   |
| Accessories:                      | connection set: JZ-06/1                            |
| permissible medium temperature:   | -15...+80°C  |
| Permissible atmospheric humidity: | max. 95% r.h., non-condensing                      |

### Circuit Diagram:

